

Your New Wide TV (DLP)

Remote Control

You can use the remote control up to about 23 feet from the TV. When using the remote control, always point it directly at the TV. You can also use your remote control to operate your Set-Top box, VCR, Cable box or DVD player.

1. **POWER**  
Turns the TV on and off.

2. **S.MODE**  
Adjust the TV sound by selecting one of the preset factory settings (or select your personal, customized sound settings.)

3. **P.MODE**  
Adjust the TV picture by selecting one of the preset factory settings (or select your personal, customized picture settings.)

4. **+100**  
Press to select cable channels over 100 on TV.

5. **VOL +, VOL -**  
Press to increase or decrease the volume.

6. **MUTE**  
Press to mute the TV sound.

7. **FAV.CH (Favorite Channel)**  
Press to switch between your favorite channels.

8. **MENU**  
Displays the main on-screen menu.

9. **STILL**  
Press to stop the action during a particular scene. Press again to resume normal video.

10. **P.SIZE**  
Press to change the picture size.

11. **MODE**  
Selects a target device to be controlled by the Samsung remote control (i.e., TV, STB, VCR, CABLE, or DVD).

12. **PRE-CH**  
Tunes to the previous channel.

13. **SOURCE**  
Press to display all of the available video sources (i.e., TV, Set-Top box, VCR, DVD, DTV, PC).

14. **CH^, CH^**  
Press to change channels.

15. **INFO**  
Press to display information on the TV screen.

16. **EXIT**  
Press to exit the menu.

17. **▲, ▼, ◀, ▶, ENTER**  
Press to select highlight up, down, left, or right. While using the on-screen menus, press the ENTER to activate (or change) a particular item.

18. **MTS (Multichannel Television Stereo)**  
Press to choose Stereo, Mono or SAP (Separate Audio Program).

19. **SRS**  
Activates TruSurround.

20. **ADD/DEL**  
Press to add or erase channels in the TV's memory. Use the ADD/DEL button to memorize and erase the fine tuning after fine tuning channels.

21. **SLEEP**  
Press to select a preset time interval for automatic shutdown.

22. **PIP (Picture In Picture)**  
Activates PIP.

23. **SET**  
Used during set up of this remote control, so that it will work compatibly with other devices (Set-Top box, VCR, Cable box, DVD, etc.)

24. **DNLe (Digital Natural Image engine)**  
Activates DNLe.

25. **PIP Controls**  
**SIZE**: Press to select the size of PIP window.  
**SWAP**: Press to exchange the video signal that is currently displayed on the main screen with the signal in the PIP window.  
**CH^/▼**: Press to display the available channels in sequence. (These buttons change channels in the PIP window only.)

26. **VCR/DVD Controls**  
Controls VCR or DVD functions: Rewind, Stop, Play/Pause, Fast Forward.

27. **RESET**  
If your remote control is not functioning properly, take out the batteries and press the reset button for about 2~3 seconds. Re-insert the batteries and try using the remote control again.

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POWER

TV STB VCR CABLE DVD

PMODE S.MODE M.MODE

1 2 3

4 5 6

7 8 9

0

PRE-CH

MUTE

VOL

CH

SOURCE

PI

INFO

EXIT

PSIZE

STILL

MTS

SRS

SLEEP

ADD/DEL

DNLe

PIP

SIZE

SWAP

CH

REW

STOP

PLAY/PAUSE

FF

SET

RESET

SAMSUNG

Connections

Connecting Cable TV and VCR

You can connect different cable systems to your TV, including cable without a cable box, and cable with a cable box that descrambles some or all channels.

TV Rear Panel

Connecting a Cable Converter Box

This connection allows you to watch cable and premium channels. You should keep your TV selected to "ANT 1 IN" so that you can use the TV features. When viewing premium channels, select "ANT 2 IN" and tune the TV to channel 3 or 4 (whichever channel is vacant in your area), then use the converter box to change channels. You will need two coaxial cables.

**NOTES**

  - When you use a converter box with your TV, there may be features that you can not program using the remote control, such as programming your favorite channels and blocking channels.
  - The output from "ANT 1 OUT" is available when select "Ant.2" in the "Antenna" channel menu.

TV Rear Panel

Connecting a Cable Converter Box and a VCR

This connection allows you to watch and record basic and premium cable channels, as well as watch videotapes. You should keep your TV selected to "ANT 1 IN" so that you can use the TV's features. When viewing premium channels or recording with the VCR, select "ANT 2 IN" (whichever channel is vacant in your area), then use the converter box to change channels.

Caution: If you want to record one channel while watching another channel, a splitter (not included) must be added between the cable and "ANT 1 IN". One output of the splitter goes to "ANT 1 OUT" and the second output is connected to IN on the cable converter box.

If you have a mono VCR, connect L/Mono to VCR Audio OUT using only one audio cable.

If you have a S-VHS VCR, use the S-Video connections and remove the video cable. Do not connect the video cable and the S-Video cable to video1 simultaneously.

When you use a converter box with your TV there may be features that you can not program using the remote control, such as programming your favorite channels and blocking channels.

Connecting a DVD Player

The rear panel jacks on your TV make it easy to connect a DVD player to your TV.

Connecting to Y, Pb, Pr

Connect a set of audio cables between the COMPONENT (1 or 2) audio (L,R) in jacks on the TV and the AUDIO OUT jacks on the DVD player. To enable Component video viewing, connect a set of video cables between the COMPONENT (1 or 2) VIDEO (Y, Pb, Pr) in jacks on the TV and VIDEO (Y/Pb/Pr or Y/Cb/Cr) OUT jacks on the DVD player.

TV Rear Panel

**NOTE :** For an explanation of Component video, see your DVD player's owner's manual.

Connecting to Audio and Video Jacks

Connect a set of audio cables between the Audio in (1 or 2) jacks on the TV and the AUDIO OUT jacks on the DVD player. Connect a video cable between the VIDEO IN (1 or 2) jack on the TV and the VIDEO OUT jack on the DVD player.

TV Rear Panel

Operation

Selecting the Video Signal Source

Before your TV can begin memorizing the available channels, you must specify the type of signal source that is connected to the TV (i.e., an antenna or a cable system).

Press the MENU button. Press the ▲ or ▼ button to select "Channel", then press the ENTER button.

Press the ▲ or ▼ button to select "Air/CATV", then press the ENTER button.

If you are connected to an antenna, press the ▲ or ▼ button to select "Air". If you connected cable, press the ▲ or ▼ button to select the type of cable system: "STD", "HRC" or "IRC".

Press the EXIT button to exit.

Storing Channels in Memory (Automatic Method)

First, select the correct signal source ("Air", "STD", "HRC" or "IRC") as described before.

Press the MENU button. Press the ▲ or ▼ button to select "Channel", then press the ENTER button.

Press the ▲ or ▼ button to select "Auto Program", then press the ENTER button.

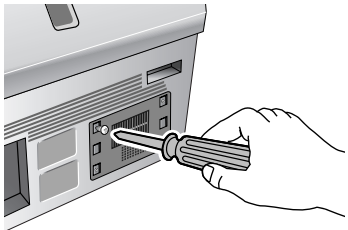
Press the ENTER button to start the auto program. The TV begins memorizing all of the available stations. Press the ENTER button at any time to interrupt the memorization process.

Press the EXIT button to exit.

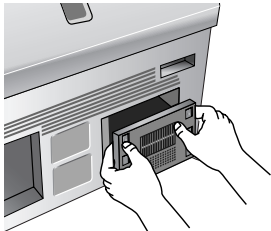
How to Replace the Lamp

- A Projection TV lamp is a consumable item, and should be replaced from time to time for best projector operation. If the screen image becomes dark, or timer, lamp and Temp LEDs flicker off at the same time, you may have to replace the lamp.
- When changing the lamp, you should first verify the type/model, and then use only the correct lamp replacement. The code for lamp regulation and usage is marked on the label. If you remove the lamp, you can identify this replacement code. You should only replace the lamp with the one of the same regulation code.
- If you wish to buy a new lamp, please phone your Service Center or a nearby TV dealer, and tell them the model of your projection unit.
- You can identify the lamp type on the left side of TV and the lamp cover.
- The TV will be damaged if you use a lamp that is different from the original supplied by the manufacturer.
- Please don't remove the lamp except when replacing with a new one.
- Please turn off TV power before changing a lamp and then unplug after waiting 1 minute.
- The cooling fan will help cool the lamp so you can safely remove it. The surface of the Lamp is very hot. Please wait for 30 minutes after turning off your projection TV to handle the lamp.
- Please keep the old lamp away from flammable articles and children. Dispose of properly.
- Don't allow dirt or dust to accumulate inside the lamp cover or on the Lamp.
- A dirty cover or lamp can catch fire, explode and cause electric shock.
- Please don't touch the front glass of a new lamp or the glass of the lamp container.
- If a new lamp is improperly handled, the quality of the screen image can be affected and the expected life span of the lamp can be reduced.
- Be sure to tighten the lamp cover on the TV after changing the lamp. Note that the TV will not function if the lamp cover is not securely attached. Please tighten the holding screw on the lamp cover after it has been attached to the TV.

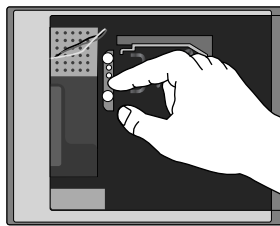
1 Unplug TV, then use a screwdriver to remove the screw.



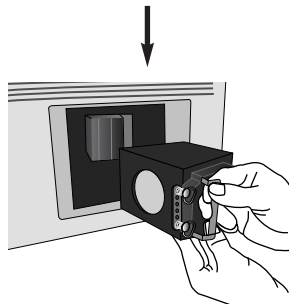
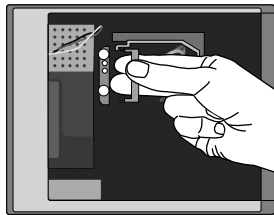
2 Remove the Lamp cover.



3 Remove the screws securing the Lamp by using a screwdriver.



4 Separate the Lamp from the engine by holding the handle and pulling it out.



5 To reinstall the Lamp, follow these steps in reverse order.

NOTE : Be sure the replacement Lamp is the same model.

Front Panel LED Indicators

● : Light is On, ◐ : Light is Blinking, ○ : Light is Off

TIMER	LAMP	STAND BY/TEMP	Indication
○	○	●	Standby state.
○	◐	○	The picture will automatically appear in about 15 seconds.
●	◐	○	Auto Timer ON/OFF has been set and the set will automatically be turned on in about 25 seconds.
◐	○	◐	A cooling fan inside the set is not operating normally.
○	◐	◐	Lamp cover on rear of the set is not properly shut.
○	○	◐	Check if the ventilation hole on the rear of the set is blocked, because if the inner temperature is too high, the power will shut off.
◐	◐	◐	Lamp may be defective. Please contact a certified technician.

- It takes about 30 seconds for the TV to warm up, so normal brightness may not appear immediately.
- The TV has a fan to keep the inside lamp from overheating. You'll occasionally hear it working.

Notes

Operation

- Example 1 :** Connecting antenna to DLP directly.  
Change channels of the DLP.  
Use cable converter for specific chargeable channels.
- Example 2 :** Viewing TV with cable converter.  
DLP : Select the channel 3 with DLP remote control.  
Change channels with remote control of cable converter.

Viewing a DVD Home Theater

- DLP :** Press the SOURCE button on the DLP remote control and select "Component1" or "Component2". Turn on the DVD Home Theater, insert the CD and press the PLAY button.
- \* When you are viewing DVD Home Theater, DLP will not make a sound. Adjust the volume from Home Theater.

Viewing a VCR

- DLP :** Press the SOURCE button on the DLP remote control and select "AV1". Turn on your VCR, insert the tape and press the PLAY button.

Watching a DTV through Set-Top Box

- DLP :** Press the SOURCE button on the DLP remote control and select "Component1" or "Component2".  
Press the SOURCE button on the Set-Top Box and select channel to display on the front display window.  
Change channels with remote control of the Set-Top Box.  
Channels will be displayed, for example, 6-1, 7-1, 9-1, 10-1, 11-1.

Listening to the Set-Top Box through Home Theater

- Press the MODE button on the remote control of Home Theater, select "AUX1".  
\* Press the FUNCTION button on the Home Theater, select "AUX1".

Listening to the TV through Home Theater

- Press the MODE button on the remote control of Home Theater, select "AUX2".  
\* Press the FUNCTION button on the Home Theater, select "AUX2".

Q & A

<b>White spot appears on the center of the screen.</b>	DLP model is made up with 2 screens (exterior/interior screen). When power is turned off, fluorescent light or light reflected from interior screen by sunlight is shone on exterior screen. Therefore, white spot appears on the center of the screen. All projection TV use sun screen separately to prevent the screen from reflection. But, DLP does not use sun screen and white spot may appear. When you install your TV, light should not shine directly on screen. This phenomenon does not appear while TV is turned on and does not have any effects on picture quality.
<b>Black dot / bright dot on a screen</b>	Your TV may have a small number of irregular pixels (1~2) due to technical limitation of DMD manufacturing process. This does not necessarily mean that your monitor is defective. If the manufacturer's quality control only accepted perfect monitors, the cost to produce each monitor would be significantly increased. Therefore, the quality control department of each manufacturer will allow each DMD to have up to a certain number of irregular pixels. This does not have an effect on the function of your TV.
<b>Watching TV for a long time</b>	When you watch TV for a long time, please keep at a enough distance. For projection TV, you'd better watch from 5~7 times as far as vertical length of the screen. But, for HD broadcasting, you can watch from about 4 times as far as vertical length of the screen. If you watch TV for a long time at a short distance, your eyes can be wearied.